

CLAIMS

1. A wireless terminal arrangement for acting as a communicating party in a multimedia connection consisting of real time service components and non-real time service components, of which the real time service components are to be utilized by local real time applications and the non-real time service components are to be utilized by local non-real time applications, comprising
- a radio transceiver capable of both circuit-switched and packet-switched operation,
 - a real time channel block for conveying the real time service components between the local real time applications and the radio transceiver and
 - a non-real time channel block, connected in parallel with said real time channel block, for conveying the non-real time service components between the local non-real time applications and the radio transceiver.
2. A wireless terminal arrangement according to claim 1, wherein the radio transceiver is a HSCSD/GPRS GSM transceiver of Class A.
3. A wireless terminal arrangement according to claim 1, wherein the radio transceiver is a HSCSD/GPRS GSM transceiver of Class B, and the wireless terminal arrangement further comprises a prioritizing arrangement for arranging for the alternating use of the real time and non-real time service components according to a certain Service Priority Profile.
4. A wireless terminal arrangement according to claim 1, wherein the real time channel block comprises
- a video port for connecting to local video applications,
 - an audio port for connecting to local audio applications,
 - a real time data port for connecting to local real time data applications,
 - a control port for connecting to system control functions,
 - a multiplexer / demultiplexer for multiplexing and demultiplexing video, audio and real time data information as well as control information,
 - between said multiplexer and said video port a video codec for encoding and decoding video information,
 - between said multiplexer and said audio port an audio codec for encoding and decoding audio information,
 - between said multiplexer and said real time data port a data protocol block for applying certain real time data protocols,

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- between said multiplexer and said control port a control protocol block for applying certain control data protocols and
- a data adapter for performing adaptations between the information format handled by said multiplexer and the information format handled by said radio transceiver.

5. A wireless terminal arrangement according to claim 4, wherein the real time channel block is a functionality according to the ITU-T H.324 recommendation.

6. A wireless terminal arrangement according to claim 1, wherein the non-real time channel block comprises

- a first non-real time data port for connecting to local non-real time data applications,
- a second non-real time data port for connecting to local non-real time data applications,
- a radio transceiver connection for connecting to said radio transceiver,
- between said first non-real time data port and said radio transceiver connection a packet protocol block for applying certain packet data protocols and
- between said second non-real time data port and said radio transceiver connection an SMS block for performing adaptations between the information format handled by at least one local non-real time data application and a character string format.

7. A method for acting as a communicating party in a multimedia connection consisting of real time service components and non-real time service components, of which the real time service components are to be utilized by local real time applications and the non-real time service components are to be utilized by local non-real time applications, comprising the steps of

- directing the information related to the real time service components through a radio transceiver, and between said radio transceiver and the local real time applications through a real time channel block and
- directing the information related to the non-real time service components through the same radio transceiver, and between said radio transceiver and the local non-real time applications through a non-real time channel block connected in parallel with said real time channel block.

8. A method according to claim 7, further comprising the steps of

- setting up a communication connection with another communicating party,

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- exchanging with the other communicating party information describing the capabilities of the communicating parties for utilizing real time service components and non-real time service components in the communication connection and

- simultaneously utilizing real time service components and non-real time service components in the communication connection.

9. A method according to claim 7, further comprising the steps of

- setting up a communication connection with another communicating party,

~~- exchanging with the other communicating party information describing the capabilities of the communicating parties for utilizing real time service components and non-real time service components in the communication connection and~~

- alternately utilizing real time service components and non-real time service components in the communication connection.

10. A telecommunication system for setting up and maintaining, between wireless terminals, multimedia connections consisting of real time service components and non-real time service components, comprising

- a circuit-switched telecommunication network for conveying, between the terminals, information relating to the real time service components and

- a separate packet-switched telecommunication network for conveying, between the terminals, information relating to the non-real time service components parallelly with the information relating to the real time service components.

11. A telecommunication system according to claim 10, wherein said circuit-switched telecommunication network is a digital cellular telephone network and said separate packet-switched telecommunication network is a digital cellular packet radio network sharing the same base stations with said digital cellular telephone network.